## Abstract of the Disclosure

In a voice interception system, a voice is intercepted by applying a function of a vocoder (9-1) installed in a voice signal processor (3-1) to a The above-mentioned mobile switching station (2). function implies the functions of a conversion between an ATM cell of an AAL2pf, an AAL2 and an AAL1 (PCM) and a conversion between an ATM cell of an AAL2pf and The ATM cell of the AAL2 an AAL1 (TFO) in a TFO case. in the ATM network is picked up from an ATM switch (2-10 In particular, if a voice 2) and it is intercepted. CODEC method referred to as TFO is used, the abovementioned functions are applied to a voice monitor (2-Accordingly, a voice during a telephone call 5). between mobile stations is intercepted. A path 15 connection around the voice monitor (2-5) in an exchange is carried out at an initially setting stage Thus, it is possible to provide a of the exchange. voice interception system that can carry out a voice interception only by controlling the ATM switch (2-2) 20 without any individual control of the ATM switch (2-2) and an STM switch (6).